Smp#	Event#	Stn#	Org Name I	Kit# I	Date	Time	Rep	AL Dis
Howardsville								
467201402070945	467.001		467 DOW	0	2/7/2014			1 15
467201403050930	467.002	<u>)</u>	467 DOW	0	3/5/2014	9:30:00		1 21
467201403211630	467.003	}	467 DOW	0	3/21/2014	16:30:00		1 23
467201403220930	467.004	ļ.	467 DOW	0	3/22/2014	9:30:00		1 0
467201403251645	467.005	5	467 DOW	0	3/25/2014	16:45:00		1 23
467201404041800	467.007	7	467 DOW	0	4/4/2014	18:00:00		1 23
467201404050900	467.008	3	467 DOW	0	4/5/2014	9:00:00		1 20
467201404091800	467.009)	467 DOW	0	4/9/2014	18:00:00		1 33
467201404100715	467.01	L	467 DOW	0	4/10/2014	7:15:00		1 17
467201404100900	467.011	L	467 DOW	0	4/10/2014	9:00:00		1 27
467201404171830	467.012	<u>)</u>	467 DOW	0	4/17/2014	18:30:00		1 33
467201404180700	467.013	}	467 DOW	0	4/18/2014	7:00:00		1 27
467201404251815	467.014	Ļ	467 DOW	0	4/25/2014	18:15:00		1 51
467201404260630	467.015	5	467 DOW	0	4/26/2014	6:30:00		1 55
467201405010945	467.016	6	467 DOW	0	5/1/2014	9:45:00		1 32
467201407011310	467.018	}	467 DOW	0	7/1/2014	13:10:00		1 57
A68								
103201402071030	103.3	3	103 DOW	0	2/7/2014	10:30:00		1 48
103201403051015			103 DOW	0	3/5/2014			1 49
103201403211715			103 DOW	0				1 80
103201403221015			103 DOW	0	3/22/2014			1 60
103201403251745			103 DOW	0	3/25/2014			1 93
103201403260900	103.305	5	103 DOW	0	3/26/2014			1 81
103201404041845	5 103.306	5	103 DOW	0	4/4/2014			1 103
103201404051000	103.307	7	103 DOW	0	4/5/2014	10:00:00		1 86
103201404091845	5 103.308	3	103 DOW	0	4/9/2014			1 93
103201404100800	103.309)	103 DOW	0	4/10/2014	8:00:00		1 100
103201404100930	103.31	L	103 DOW		4/10/2014			1 65
103201404171915	5 103.311	L	103 DOW		4/17/2014			1 111
103201404180745	5 103.312	<u>)</u>	103 DOW		4/18/2014			1 79
103201404251845			103 DOW		4/25/2014			1 110
103201404260715			103 DOW		4/26/2014			1 115
103201405011015			103 DOW	0	5/1/2014			1 58
103201407011245			103 DOW	0	7/1/2014			1 79

AL Tot	AS Dis	AS Tot	CA I	Dis	CA Tot	CD Dis	CD Tot	CU Dis	CU Tot	FE Dis
1	9	0	0	56447	56568	0.51	0.59	0	0	119
2	1	0	0	51896	52745	0.51	0.55	0	0	85
2	7	0	0	52561	55617	0.38	0.5	0	0	77
2	8	0	0	50329	57328	0.47	0.45	0	0	98
3	2	0	0	49928	51245	0.41	0.46	0	0	69
3	4	0	0	49409	50183	0.44	0.45	0	0	83
2	9	0	0	52254	52719	0.36	0.45	0	0	74
18	9	0	0	44771	44996	0.49	0.56	0	3.2	125
5		0	0	44536	44960	0.47	0.43	0	0	60
5	4	0	0	42813	43523	0.41	0.43	0	0	35
9		0	0	41110	41820	0.63	0.67	0	3.3	103
7	4	0	0	39071	42937	0.59	0.52	2	3.2	50
24	5	0	0	30844			1.29	12.6	27.4	32
29	0	0	0	27730	31176	1.15	1.34	15.8	26.1	68
7	0	0	0	39382		0.78	0.87	9.1	9.3	28
23	6	0	0	22344	22404	0.86	0.92	3	5.3	16
19		0	0	59973				2.3	8.2	69
30		0	0	60348				2.6	12.6	27
62		0	0	61570				3.4	22.7	20
55		0	0	61816				3.8	22.9	38
74		0	0	59935				5	29.3	22
60		0	0	62051	62472			6.1	26.6	64
60		0	0	60310				5.2	26.4	45
63		0	0	60474				6.6	29.4	89
112		0	0	52954				7.6	45.4	111
54			0	50255						
38		0	0	52158				17.4	58.3	90
60		0	0	45948				7.7	24.7	32
41		0	0	44026				7.1	19.6	53
33		0	0	29999				11.9	24.2	46
37		0	0	29426				12.4	24.1	71
28		0	0	39298				5.3	18.2	21
20	4	0	0	22005	22617	0.9	0.91	3.2	5.3	38

FE Tot	PB Dis	PB Tot	MG Dis	MG Tot	MN Dis	MN Tot	SE Dis	SE Tot 2	ZN Dis
15	7 () 0	3450	3459	252.7	255.5	5 0	0	242.5
19) 0						0	244.1
10								0	200
15								0	227.9
10				2609				0	195.3
10								0	195.7
9								0	219.5
39								0	236.4
11								0	208.2
11	3 3.2	2 4.3	2301	2312	203.1	203.2	2 0	0	201.8
19	6 (5.6	2715	2668	261.4	266.6	0	0	254.7
10	0 4	4.6	2347	2762	148.9	156.6	0	0	237.5
21	9 3.4	16.8	2012	2051	267.6	306.9	0	0	399
22	6 3.7	7 8.6	2176	1983	243.4	270.2	2 0	0	426.5
7	7 (4.9	2645	2652	186.2	196.3	0	0	342.8
9	2 3.3	L 5.7	1596	1603	355.4	374	0	0	273.1
37	7 () 0	3429	3934	2346.6	2579.3	3 0	0	534.7
49		3.1						0	641
54	3 4	10.5	4136	4134	4601.2	4664.8	3 0	0	1018.6
39	2 4.3	8.3	4051	4034	4491.2	4492.4	0	0	1061.7
50	7 4.3	3 11.7	4117	4140	5774.8	5852.3	0	0	1179.9
40	8 3.9	8.5	4165	4133	4898.4	4909.8	0	0	1125.8
41	0 4.3	8.2	4058	4058	4862.6	4965.8	0	0	1086.1
44	1 4.8	8.9	3848	3800	4708.8	4902.9	0	0	1179.3
108	7 4.6	5 25.5	3434	3529	4871.6	4853.7	0	0	1058.5
46	4 4.5	9.6	3220	3615	3409.3	3595.4	0	0	972.5
33	1 4.2	2 8	3310	3721	3671	3686.3	0	0	923
37	5 4.4	10	2777	3401	3338.5	3322.5	0	0	834.2
27	4 3.8	6.6	2945	3090	2215	2493.3	0	0	705.3
27	0 4	12.4	1913	1868	1033.5	1042.2	2 0	0	470.9
27				2119	940.9			0	490.8
25		1 7		2587				0	633.2
11	8 3.3	L 5.3	1648	1703	493.2	519.5	0	0	239.3

230.5 739 1048 136 157 445 658 Special 198.8 739 765 135 139 475 490 Special 198.1 764 744 134 136 482 467 Special 218.7 926 933 143 144 585 586 Special 255.4 823 802 123 124 636 621 Special 211.9 789 808 122 124 518 506 Special 209.2 696 686 116 118 462 461 Special 270.7 738 737 114 115 519 651 Special 237.7 650 776 107 119 469 562 Special 452.1 485 530 85 86 432 617 Special 431.3 576 498 78 86 576 420 Special 354.5 701 662 109 111 681 508 Special 275.8 308 297 62 63 238 228	Tot N	NA Dis	NA Tot	Calc Hard I	Calc Hard 1	〈 Dis	K Tot	Commen	ıt
200.9 988 884 143 152 639 520Special 230.5 739 1048 136 157 445 658Special 198.8 739 765 135 139 475 490Special 198.1 764 744 134 136 482 467Special 218.7 926 933 143 144 585 586Special 255.4 823 802 123 124 636 621Special 211.9 789 808 122 124 518 506Special 209.2 696 686 116 118 462 461Special 270.7 738 737 114 115 519 651Special 237.7 650 776 107 119 469 562Special 452.1 485 530 85 86 432 617Special 431.3 576 498 78 86 576 420Special 275.8 308 297 62 63	249.4	934	929	155	155	532	2	548	
230.5 739 1048 136 157 445 658Special 198.8 739 765 135 139 475 490Special 198.1 764 744 134 136 482 467Special 218.7 926 933 143 144 585 586Special 255.4 823 802 123 124 636 621Special 211.9 789 808 122 124 518 506Special 270.7 738 737 114 115 519 651Special 237.7 650 776 107 119 469 562Special 452.1 485 530 85 86 432 617Special 431.3 576 498 78 86 576 420Special 354.5 701 662 109 111 681 508Special 275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742Special 114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761Special 1182.8 1127 1096 172 173 739 724Special 1182.8 1127 1096 172 173 739 724Special 1148.4 1070 1051 167 169 653 649Special 1219.4 1028 1011 167 169 653 649Special 1203.8 881 930 146 147 710 932Special 1009.3 1014 884 139 149 790 610Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703Special	250.2	1017	882	143	145	533	3	507	
198.8 739 765 135 139 475 490 Special 198.1 764 744 134 136 482 467 Special 218.7 926 933 143 144 585 586 Special 255.4 823 802 123 124 636 621 Special 211.9 789 808 122 124 518 506 Special 209.2 696 686 116 118 462 461 Special 270.7 738 737 114 115 519 651 Special 237.7 650 776 107 119 469 562 Special 452.1 485 530 85 86 432 617 Special 431.3 576 498 78 86 576 420 Special 275.8 308 297 62 63 238 228 <tb>576.6 941 1066 164 180 659 569 703.1 1038 1030 167</tb>	200.9	988	884	143	152	639)	520Special st	tudy
198.1 764 744 134 136 482 467 Special 218.7 926 933 143 144 585 586 Special 255.4 823 802 123 124 636 621 Special 211.9 789 808 122 124 518 506 Special 209.2 696 686 116 118 462 461 Special 270.7 738 737 114 115 519 651 Special 237.7 650 776 107 119 469 562 Special 452.1 485 530 85 86 432 617 Special 431.3 576 498 78 86 576 420 Special 354.5 701 662 109 111 681 508 Special 275.8 308 297 62 63 238 228 <tb>576.6 941 1066 164 180 659 569 703.1 1038 1030 167</tb>	230.5	739	1048	136	157	445	5	658Special st	tudy
218.7 926 933 143 144 585 586 Special 255.4 823 802 123 124 636 621 Special 211.9 789 808 122 124 518 506 Special 209.2 696 686 116 118 462 461 Special 270.7 738 737 114 115 519 651 Special 237.7 650 776 107 119 469 562 Special 452.1 485 530 85 86 432 617 Special 431.3 576 498 78 86 576 420 Special 354.5 701 662 109 111 681 508 Special 275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special	198.8	739	765	135	139	475	5	490 Special st	tudy
255.4 823 802 123 124 636 621 Special 211.9 789 808 122 124 518 506 Special 209.2 696 686 116 118 462 461 Special 270.7 738 737 114 115 519 651 Special 237.7 650 776 107 119 469 562 Special 452.1 485 530 85 86 432 617 Special 431.3 576 498 78 86 576 420 Special 354.5 701 662 109 111 681 508 Special 275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special	198.1	764	744	134	136	482	2	467Special st	tudy
211.9 789 808 122 124 518 506 Special 209.2 696 686 116 118 462 461 Special 270.7 738 737 114 115 519 651 Special 237.7 650 776 107 119 469 562 Special 452.1 485 530 85 86 432 617 Special 431.3 576 498 78 86 576 420 Special 354.5 701 662 109 111 681 508 Special 275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special	218.7	926	933	143	144	585	5	586 Special st	tudy
209.2 696 686 116 118 462 461 Special 270.7 738 737 114 115 519 651 Special 237.7 650 776 107 119 469 562 Special 452.1 485 530 85 86 432 617 Special 431.3 576 498 78 86 576 420 Special 354.5 701 662 109 111 681 508 Special 275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 <	255.4	823	802	123	124	636	5	621Special S	tudy
270.7 738 737 114 115 519 651Special 237.7 650 776 107 119 469 562Special 452.1 485 530 85 86 432 617Special 431.3 576 498 78 86 576 420Special 354.5 701 662 109 111 681 508Special 275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761Special 1182.8 1127 1096 172 173 739	211.9	789	808	122	124	518	3	506 Special st	tudy
237.7 650 776 107 119 469 562 Special 452.1 485 530 85 86 432 617 Special 431.3 576 498 78 86 576 420 Special 354.5 701 662 109 111 681 508 Special 275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 129.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special	209.2	696	686	116	118	462	2	461Special st	tudy
452.1 485 530 85 86 432 617 Special 431.3 576 498 78 86 576 420 Special 354.5 701 662 109 111 681 508 Special 275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special	270.7	738	737	114	115	519)	651Special st	tudy
431.3 576 498 78 86 576 420 Special 354.5 701 662 109 111 681 508 Special 275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special	237.7	650	776	107	119	469	}	562 Special st	tudy
354.5 701 662 109 111 681 508Special 275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761Special 1182.8 1127 1096 172 173 739 724Special 1148.4 1070 1051 167 169 707 676Special 1219.4 1028 1011 167 169 653 649Special 1203.8 881 930 146 147 710 932Special 1009.3 1014 884 139 149 790 610Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703Special	452.1	485	530	85	86	432	2	617Special st	tudy
275.8 308 297 62 63 238 228 576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137	431.3	576	498	78	86	576	5	420 Special st	tudy
576.6 941 1066 164 180 659 569 703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special	354.5	701	662	109	111	681	L	508 Special st	tudy
703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special	275.8	308	297	62	63	238	3	228	
703.1 1038 1030 167 168 606 612 1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special									
1091.3 1071 1063 171 172 723 742 Special 1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761 Special 1182.8 1127 1096 172 173 739 724 Special 1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special									
1114.8 1077 1062 171 171 695 692 1262.7 1027 1046 167 167 694 761Special 1182.8 1127 1096 172 173 739 724Special 1148.4 1070 1051 167 169 707 676Special 1219.4 1028 1011 167 169 653 649Special 1203.8 881 930 146 147 710 932Special 1009.3 1014 884 139 149 790 610Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703Special									
1262.7 1027 1046 167 167 694 761Special 1182.8 1127 1096 172 173 739 724Special 1148.4 1070 1051 167 169 707 676Special 1219.4 1028 1011 167 169 653 649Special 1203.8 881 930 146 147 710 932Special 1009.3 1014 884 139 149 790 610Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703Special								742 Special st	tudy
1182.8 1127 1096 172 173 739 724Special 1148.4 1070 1051 167 169 707 676Special 1219.4 1028 1011 167 169 653 649Special 1203.8 881 930 146 147 710 932Special 1009.3 1014 884 139 149 790 610Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703Special									
1148.4 1070 1051 167 169 707 676 Special 1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special								761 Special S	-
1219.4 1028 1011 167 169 653 649 Special 1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special								•	
1203.8 881 930 146 147 710 932 Special 1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special								<u>-</u>	-
1009.3 1014 884 139 149 790 610 Special 1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special								•	-
1006.1 921 1049 144 153 610 827 883.5 689 871 126 137 588 703 Special								•	•
883.5 689 871 126 137 588 703 Special									tudy
·									
731.5 800 843 122 127 523 634Special									
·								430 Special st	-
								521 Special st	
								498 Special st	tudy
252.9 336 349 62 63 0 0	252.9	336	349	62	63	()	0	

Spring Data 2014

	Howardsv	ille		A68	A68			
	Flows	Dis Zn	Conc.	Dis Zn Load	Flows	Dis Zn Conc	. Dis Zn Load	
Date	(cfs)	(ug/l)		(lbs/day)	(cfs)	(ug/l)	(lbs/day)	
2/7/201	4	17	243	3 22		5	35	
3/5/201	4	16	24	1 21		6	41	
3/21/201	4	21	20	23		10	19	
3/22/201	4	18	228	3 22		10	62	
3/25/201	4	21	19!	5 22		11	.80	
3/26/201	4	21				11	.26	
4/4/201	4	27	19	5 28		10	186	
4/5/201	4	21	220	25		11	.79	
4/9/201	4	33	23	5 42		40 10	59 228	
4/10/201	4	45	20	3 51		58 9	73 304	
4/10/201	4	45	20	2 49		58 9	23 289	
4/17/201	4	54	25	5 74		61 8	34 274	
4/18/201	4	69	238	3 88		84 7	05 319	
4/25/201	4	139	399	9 299		180 4	71 457	
4/26/201	4	158	42	7 363		215 4	91 569	
5/1/201	4	67	343	3 124		86 6	33 294	
7/1/201	4	355	273	523		4782	39 617	
85th Perce	entile		32	5		11	.10	

	Howardsville	:		A68				
	Flows	Dis Cd Co	nc. Dis C	d Load	Flows	Dis Cd Co	nc.	Dis Cd Load
Date	(cfs)	(ug/l)	(lbs/d	day)	(cfs)	(ug/l)		(lbs/day)
2/7/2014	1	17	0.51	0.05			1.82	
3/5/2014	1	16	0.51	0.04			2.11	
3/21/2014	1	21	0.38	0.04			4.03	
3/22/2014	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	18	0.47	0.05			3.97	
3/25/2014	1	21	0.41	0.05			4.84	
3/26/2014	1	21					4.27	
4/4/2014	1	27	0.44	0.06			4.46	
4/5/2014	1	21	0.36	0.04			4.51	
4/9/2014	1	33	0.49	0.09	4	10	3.91	0.84
4/10/2014	1	45	0.47	0.11	5	58	3.64	1.14
4/10/2014	1	45	0.41	0.10	5	58	3.44	1.08
4/17/2014	1	54	0.63	0.18	6	51	3.25	1.07
4/18/2014	1	69	0.59	0.22	8	34	2.57	1.16
4/25/2014	1 1	39	1.15	0.86	18	30	1.65	1.60
4/26/2014	1	58	1.15	0.98	21	.5	1.64	1.90
5/1/2014	1	67	0.78	0.28	8	36	2.12	0.98
7/1/2014	1 3	55	0.86	1.65	47	'8	0.9	2.32

	Howardsville						
	Flows	Dis Mn C	onc. Dis M	n Load	Flows	Dis Mn Conc.	Dis Mn Load
Date	(cfs)	(ug/l)	(lbs/d	lay)	(cfs)	(ug/l)	(lbs/day)
2/7/201	.4	17	253	23		234	7
3/5/201	.4	16	283	24		302	4
3/21/201	.4	21	210	24		460	1
3/22/201	4	18	207	20		449	1
3/25/201	4	21	196	22		577	5
3/26/201	.4	21				489	8
4/4/201	4	27	191	28		486	3
4/5/201	.4	21	203	23		470	9
4/9/201	.4	33	349	62	4	0 487	2 1051
4/10/201	.4	45	209	51	5	8 340	9 1066
4/10/201	.4	45	203	49	5	8 367	1 1148
4/17/201	.4	54	261	76	6	1 333	9 1098
4/18/201	.4	69	149	55	84	4 221	5 1003
4/25/201	.4	139	268	201	18	0 103	4 1003
4/26/201	.4	158	243	207	21	5 94	1 1091
5/1/201	.4	67	186	67	8	6 173	2 803
7/1/201	.4	355	355	680	478	849	<u>3</u> 1271
85th Perce	entile		279			486	8

	Howardsvi	lle	A68	
	Flows	Hardness	Flows	Hardness
Date	(cfs)	(ug/l)	(cfs)	(ug/l)
2/7/2	2014	152		184
3/5/2	2014	164		90
3/21/2	2014	156		188
3/22/2	2014	158		188
3/25/2	2014	154		194
3/26/2	2014	156		190
4/4/2	2014	152		176
4/5/2	2014	140		200
4/9/2	2014	128		148
4/10/2	2014	132		136
4/10/2	2014	134		156
4/17/2	2014	124		148
4/18/2	2014	122		138
4/25/2	2014	94		98
4/26/2	2014	88		92
5/1/2	2014	120		132
7/1/2	2014	66		70
	Ave. Hardr	ess: 132		149

Percent Load (Howard load/ A68 load)

18%

17%

17%

27%

28%

65%

64%

42%

85%

Percent Load (Howard load/ A68 load)

10%

10%

9%

17%

19%

54%

52%

29%

71%

Percent Load (Howard load/ A68 load)

6%

5%

4%

7%

6%

20%

19%

8%

54%

Percent Load (Howard load/ A68 load)

Sample Number Howardsville	Event#	Stn#	Org Name Kit#	1	Date	Time	Rep	Flow
467201402070945	467.00	1 46 ⁻	7DOW	0	2/7/2014	9:45:0) ·	L
467201403050930			7DOW	0	3/5/2014			<u> </u>
467201403211630			7DOW		3/21/2014			- 1
467201403220930			7DOW		3/22/2014			l
467201403251645			7DOW		3/25/2014			1
467201403260815	467.000	5 46	7 DOW		3/26/2014	16		ľ
467201404041800	467.00	7 46	7DOW	0	4/4/2014	18:00:0) :	1
467201404050900	467.008	3 46	7DOW	0	4/5/2014	9:00:0) :	1
467201404091800	467.009	9 46	7DOW	0	4/9/2014	18:00:0) :	1
467201404100715	467.0	1 46	7 DOW	0	4/10/2014	7:15:00) (1
467201404100900	467.01	1 46	7 DOW	0	4/10/2014	9:00:0) (L
467201404171830	467.012	2 46	7 DOW	0	4/17/2014	18:30:0) (L
467201404180700	467.013	3 46	7 DOW	0	4/18/2014	7:00:0) (l
467201404251815	467.01	46	7 DOW	0	4/25/2014	18:15:0) (1
467201404260630	467.01	5 46	7 DOW	0	4/26/2014) (1
467201405010945	467.016	5 46	7 DOW	0	5/1/2014) :	L
467201406061240	467.01		7 DOW	0	6/6/2014	***************************************)	L
467201407011310	467.018	3 46	7 DOW	0	7/1/2014	13:10:0) (1
A68								
103201402071030		W/05	3 DOW	0	2/7/2014	77		L
103201403051015			3 DOW	0	3/5/2014			Ĺ
103201403211715			3 DOW		3/21/2014			L
103201403221015			3 DOW		3/22/2014			L
103201403251745			3 DOW		3/25/2014			L
103201403260900			3 DOW		3/26/2014			L
103201404041845			3 DOW	0	4/4/2014			L
103201404051000			3 DOW	0	4/5/2014			L
103201404091845			3 DOW	0	., -,			<u>l</u>
103201404100800			3 DOW		4/10/2014			L
103201404100930			3 DOW		4/10/2014			L
103201404171915			3 DOW		4/17/2014			L
103201404180745			3 DOW		4/18/2014			L
103201404251845			B DOW		4/25/2014			1
103201404260715			B DOW		4/26/2014			L
103201405011015	6 C C C C C C C C C C C C C C C C C C C	F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 DOW	0	5/1/2014			L
103201406061320			3 DOW	_	6/6/2014			Ĺ
103201407011245	103.31	7 103	BDOW	0	7/1/2014	12:45:0) :	L

PH	°C	Phen Alk	Tot Alk	Tot Hard	DO DO Sat	Comment
6.29	9 1	. 0	34	152		
6.2			34	164		
7.60			32	156		Special study
7.			34	158		Special study
7.63	8.5		32	154		Special study
7.59	9 1.5	0	34	156		Special study
7.66	5 5	0	34	152		Special study
7.69	9 1.75	0	34	140		Special study
7.6	1 6	0	34	128		Special Study
7.59	9 1	. 0	36	132		Special study
7.69	9 1	. 0	34	134		Special study
7.58			30	124		Special study
7.6			32	122		Special study
7.68			28	94		Special study
7.69			26	88		Special study
7.63			30	120		Special study
7.5			18	48		
8.09	9 11.5	0	22	66		
C 10			2.4	104		
6.18 6.13	3007	40.50	34 3 4	184 90		3.004
7.4			28	188		Special study
7. 4. 7.!			30	188		Special study
7.40			28	194		Special Study
7.54			28	190		Special study
7.42			30	176		Special study
7.4			30	200		Special study
7.4			26	148		Special study
7.68	3 0.5	0	28	136		Special study
7.53	3 1	. 0	30	156		
7.38	3 7	0	26	148		Special study
7.38	3 1	. 0	32	138		Special study
7.5	5 6	0	28	98		Special study
7.50	5 2	. 0	26	92		Special study
7.53	3 2.5	0	28	132		Special study
7.5	<u>2</u> 9) 0	20	54		
8.12	2 10.5	0	22	70		